

10419-000 SEQ LIST.txt
SEQUENCE LISTING

<110> Novozymes A/S

<120> 10419 High Temperature Vegetable Processing

<130> 10419.204-WO

<160> 2

<170> PatentIn version 3.2

<210> 1

<211> 341

<212> PRT

<213> Bacillus licheniformis

<400> 1

Met Lys Lys Leu Ile Ser Ile Ile Phe Ile Phe Val Leu Gly Val Val
1 5 10 15Gly Ser Leu Thr Ala Ala Val Ser Ala Glu Ala Ala Ser Ala Leu Asn
20 25 30Ser Gly Lys Val Asn Pro Leu Ala Asp Phe Ser Leu Lys Gly Phe Ala
35 40 45Ala Leu Asn Gly Gly Thr Thr Gly Gly Glu Gly Gly Gln Thr Val Thr
50 55 60Val Thr Thr Gly Asp Gln Leu Ile Ala Ala Leu Lys Asn Lys Asn Ala
65 70 75 80Asn Thr Pro Leu Lys Ile Tyr Val Asn Gly Thr Ile Thr Thr Ser Asn
85 90 95Thr Ser Ala Ser Lys Ile Asp Val Lys Asp Val Ser Asn Val Ser Ile
100 105 110Val Gly Ser Gly Thr Lys Gly Glu Leu Lys Gly Ile Gly Ile Lys Ile
115 120 125Trp Arg Ala Asn Asn Ile Ile Ile Arg Asn Leu Lys Ile His Glu Val
130 135 140Ala Ser Gly Asp Lys Asp Ala Ile Gly Ile Glu Gly Pro Ser Lys Asn
145 150 155 160Ile Trp Val Asp His Asn Glu Leu Tyr His Ser Leu Asn Val Asp Lys
165 170 175Asp Tyr Tyr Asp Gly Leu Phe Asp Val Lys Arg Asp Ala Glu Tyr Ile
180 185 190Thr Phe Ser Trp Asn Tyr Val His Asp Gly Trp Lys Ser Met Leu Met
Page 1

195 10419-000 SEQ LIST.txt
200 205

Gly Ser Ser Asp Ser Asp Asn Tyr Asn Arg Thr Ile Thr Phe His His
210 215 220

Asn Trp Phe Glu Asn Leu Asn Ser Arg Val Pro Ser Phe Arg Phe Gly
225 230 235 240

Glu Gly His Ile Tyr Asn Asn Tyr Phe Asn Lys Ile Ile Asp Ser Gly
245 250 255

Ile Asn Ser Arg Met Gly Ala Arg Ile Arg Ile Glu Asn Asn Leu Phe
260 265 270

Glu Asn Ala Lys Asp Pro Ile Val Ser Trp Tyr Ser Ser Ser Pro Gly
275 280 285

Tyr Trp His Val Ser Asn Asn Lys Phe Val Asn Ser Arg Gly Ser Met
290 295 300

Pro Thr Thr Ser Thr Thr Tyr Asn Pro Pro Tyr Ser Tyr Ser Leu
305 310 315 320

Asp Asn Val Asp Asn Val Lys Ser Ile Val Lys Gln Asn Ala Gly Val
325 330 335

Gly Lys Ile Asn Pro
340

<210> 2
<211> 399
<212> PRT
<213> Bacillus subtilis

<400> 2

Ala Asp Leu Gly His Gln Thr Leu Glu Ser Asn Asp Gly Trp Gly Ala
1 5 10 15

Tyr Ser Thr Gly Thr Thr Gly Gly Ser Lys Ala Ser Ser Ser His Val
20 25 30

Tyr Thr Val Ser Asn Arg Asn Gln Leu Val Ser Ala Leu Gly Lys Asp
35 40 45

Thr Asn Thr Thr Pro Lys Ile Ile Tyr Ile Lys Gly Thr Ile Asp Met
50 55 60

Asn Val Asp Asp Asn Leu Lys Pro Leu Gly Leu Asn Asp Tyr Lys Asp
65 70 75 80

Pro Glu Tyr Asp Leu Asp Lys Tyr Leu Lys Ala Tyr Asp Pro Ser Thr
85 90 95

10419-000 SEQ LIST.txt

Trp Gly Lys Lys Glu Pro Ser Gly Thr Leu Glu Glu Ala Arg Ala Arg
 100 105 110
 Ser Gln Lys Asn Gln Lys Ala Arg Val Met Val Asp Ile Pro Ala Asn
 115 120 125
 Thr Thr Ile Val Gly Ser Gly Thr Asn Ala Lys Ile Val Gly Gly Asn
 130 135 140
 Phe Gln Ile Lys Ser Asp Asn Val Ile Ile Arg Asn Ile Glu Phe Gln
 145 150 155 160
 Asp Ala Tyr Asp Tyr Phe Pro Gln Trp Asp Pro Thr Asp Gly Ser Ser
 165 170 175
 Gly Asn Trp Asn Ser Gln Tyr Asp Asn Ile Thr Ile Asn Gly Gly Thr
 180 185 190
 His Ile Trp Ile Asp His Cys Thr Phe Asn Asp Gly Ser Arg Pro Asp
 195 200 205
 Ser Thr Ser Pro Lys Tyr Phe Gly Arg Lys Tyr Gln His His Asp Gly
 210 215 220
 Gln Thr Asp Ala Ser Asn Gly Ala Asn Tyr Ile Thr Met Ser Tyr Asn
 225 230 235 240
 Tyr Tyr His Asp His Asp Lys Ser Ser Ile Phe Gly Ser Ser Asp Ser
 245 250 255
 Lys Thr Ser Asp Asp Gly Lys Leu Lys Ile Thr Leu His His Asn Arg
 260 265 270
 Tyr Lys Asn Ile Val Gln Arg Ala Pro Arg Val Arg Phe Gly Gln Val
 275 280 285
 His Val Tyr Asn Asn Tyr Tyr Glu Gly Ser Thr Ser Ser Ser Asp Tyr
 290 295 300
 Ala Phe Ser Tyr Ala Trp Gly Ile Gly Lys Ser Ser Lys Ile Tyr Ala
 305 310 315 320
 Gln Asn Asn Val Ile Asp Val Pro Gly Leu Ser Ala Ala Lys Thr Ile
 325 330 335
 Ser Val Phe Ser Gly Gly Thr Ala Leu Tyr Asp Ser Gly Thr Leu Leu
 340 345 350
 Asn Gly Thr Gln Ile Asn Ala Ser Ala Ala Asn Gly Leu Ser Ser Ser
 355 360 365